

To: ERD/OERR (EPA5511)
To: G.CRYSTALL (EPA93028)
To: J.VINISKI (EPA9314)
To: REGION03.TAT (EPA9322)
To: W.LEE (EPA9346)
To: LANT.AREA.STRIKE (EPA9359)
To: RRC (EPA9374)
From: REGION03.TAT (EPA9322) Delivered: Sun 8-Apr-90 17:28 EDT
Subject: VALLEY PLATING EMERGENCY RESPONSE POLREP #2
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POLREP #2

VALLEY PLATING EMERGENCY RESPONSE

RICHMOND, HENRICO COUNTY, VIRGINIA

CERCLA/SARA REMOVAL ACTION

ATTN: GREGG CRYSTALL, DENNIS CARNEY, CHARLES KLEEMAN, AND
HANS CRUMP-WEISNER

I. SITUATION (1730 SATURDAY 04/07/90)

- A. VALLEY PLATING CORP. WAS REFERRED TO THE U. S. DEPARTMENT OF JUSTICE (DOJ) BY EPA ENFORCEMENT, DUE TO CLASS I RCRA VIOLATIONS IN LATE 1985. NO ADDITIONAL ACTIONS HAVE BEEN TAKEN BY RCRA, SINCE THE U.S. DOJ HAS TAKEN ACTION.
- B. OSC LEE WANTS TO EXPRESS HIS APPRECIATION FOR THE EXCELLENT COOPERATION AND ASSISTANCE RENDERED BY THE VIRGINIA DEPARTMENT OF EMERGENCY SERVICES AND HENRICO COUNTY FIRE DEPARTMENT HAZARDOUS INCIDENT TEAM.
- C. PERSONNEL ON-SITE: EPA-4, TAT-4, LAST-3, ERC6-9
HENRICO INCIDENT TEAM-9, VADES-4
- D. HENRICO HAZARDOUS INCIDENT TEAM HAS AN AMBULANCE ON-SITE IN CASE AN ACCIDENT OCCURS.
- E. OSC'S LEE AND POWELL ON-SITE TO DIRECT EMERGENCY RESPONSE ACTIVITIES.
- F. WEATHER CONDITIONS: TEMPERATURE IN THE MID 50'S, PARTLY SUNNY.

II. ACTIONS TAKEN

- A. OSC'S LEE AND POWELL MET WITH SITE SAFETY OFFICER, AND OH MATERIALS RESPONSE MANAGER TO DISCUSS EXCLUSION ZONE AND STAGING AREA FOR DRUMS.
- B. RESPONSE MANAGER REQUESTED AND RECEIVED PERMISSION FROM OSC LEE TO BRING A DECON TRAILER ON-SITE.

- C. OSC POWELL RECEIVED A VERBAL APPROVAL FROM DENNIS CARNEY, CHIEF, SUPERFUND REMOVAL BRANCH, TO ACTIVATE VALLEY PLATING EMERGENCY RESPONSE AS A CERCLA/SARA REMOVAL SITE. FURTHERMORE, OSC'S POWELL AND LEE WERE GRANTED \$250 THOUSAND DOLLARS TO BEGIN REMOVAL ACTIONS AT THIS SITE.
- D. RAY TRIBBLE, PROPERTY MANAGER OF VALLEY PLATING CORP. ON-SITE TO HELP IDENTIFY MATERIALS WITHIN BUILDINGS AND THE PROCESS USED WHEN THIS FACILITY WAS OPERATIONAL. MR. TRIBBLE STATES THAT TANKS ON-SITE WERE USED TO REMOVE AND ADD NICKEL TO VEHICLE BUMPERS. MR. TRIBBLE INFORMED OSC'S OF THE POSSIBLE CHEMICALS USED IN THE PROCESS. CHEMICALS INCLUDE; NICKEL AND ACID SOLUTION AND LACQUER THINNER.
- E. OSC'S POWELL AND LEE DECIDED TO CLEAR OUT SMALL ROOM ADJACENT TO THE FIRE BUILDING. IN ADDITION, ALL DRUMS LOCATED IN SMALL ROOM WILL BE OVERPACKED, NUMBERED, DOCUMENTED, STAGED AND THEN SAMPLED AT A LATER DATE.
- F. HENRICO COUNTY BUILDING ENGINEER CONDUCTED A FIRE/BUILDING INSPECTION OF THE SITE WITH OSC AND TAT AND THEN PROPOSED OPTIONS TO OSC'S LEE AND POWELL.
- G. ERCS VISQUEENED OPEN PROCESSING VATS IN OPEN BUILDING.
- H. ERCS REMOVED DEBRIS FROM SMALL ROOM IN ORIGINAL FIRE BUILDING.
- I. TAT CONDUCTED AIR MONITORING DURING ERCS ACTIVITIES IN MOVING THE DEBRIS. IN ADDITION, TAT IDENTIFIED ONE DRUM LABELED "POISON" AND ANOTHER DRUM LABELED "OXIDIZING MATERIAL, N.C.S" AND INFORMED SITE SAFETY OFFICER OF SITUATION. PHOTODOCUMENTATION OF DRUMS WAS ALSO PERFORMED BY TAT. OVERPACKING OF DRUMS WAS SUSPENDED DUE TO THE PRESENCE OF THE ABOVE STATED DRUMS.
- J. HENRICO COUNTY HAZARDOUS INCIDENT TEAM COLLECTED TWO SAMPLES FROM THE CULVERT LAGOON. ANALYTICAL RESULTS INDICATED THE FOLLOWING LEVELS OF CONTAMINATION UNITS. ANALYTICAL RESULTS ARE GIVEN ARE IN PARTS PER BILLION (PPB):

SAMPLE #1
LESS THAN 10 PPB OF CHROMIUM
40 PPB OF COPPER
310 PPB OF ZINC
660 PPB OF NICKLE

SAMPLE #2
10 PPB OF CHROMIUM
30 PPB OF COPPER
360 PPB OF ZINC
310 PPB OF NICKLE

K. DAVE PAYLOR, STATE WATER CONTROL BROAD, STATED THAT LEVELS OF CONTAMINATION WERE TOO HIGH TO ALLOW EFFLUENT RELEASE.

L. A SAFETY MEETING WAS HELD WITH ALL INDIVIDUALS ON-SITE, TO STRESS SAFETY ISSUES PERTAINING TO THE SITE. SITE SAFETY OFFICER STATED THAT NO ONE WAS ALLOWED TO ENTER THE HOT ZONE, IN ANY FUTURE OPERATIONS UNTIL ERCS SETUP A DECONTAMINATION AREA.

M. ERCS PUMPED 10,000 GALLONS OF LIQUID FROM LAGOON INTO TANKERS. TANKERS REMAIN ON-SITE UNTIL ALL CONTENTS ARE SAMPLED AND ANALYZED.

III. FUTURE PLANS

A. CONTINUE TO EVALUATE THE STRUCTURAL INTEGRITY OF THE BUILDING AND WRITE DEMOLITION PLAN.

B. ERCS AND TAT TO SAMPLE CULVERT LAGOON.

C. ERCS WILL CONSTRUCT POOL TO BE USED AS A HOLDING TANK FOR WATER, WHICH WILL BE PUMPED FROM THE BASEMENT OF THE FIRE BUILDING.

D. ERCS TO REMOVE DRUMS IN SMALL ROOM OF BUILDING, ONCE REMOVAL OF DRUMS OF POISON AND OXIDING MATERIAL ARE ASSESSED.

E. TAT TO COORDINATE ENFORCEMENT SAMPLING OF MATERIALS ON-SITE.

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